

Appendix A

ABSTRACT OF THE DISCLOSURE

The invention transports data across a plurality of data channels. A plurality of lesser width parallel data words containing parallel data from a greater width parallel data word are concurrently generated such that all adjacent bits of said greater width parallel data word are contained in different ones of said lesser width parallel data words. The number of bits in said greater width parallel data word is greater than the number of bits in each of said lesser width parallel data words. Parallel data representative of said plurality of lesser width parallel data words in each of said lesser width parallel data words may be scrambled. The parallel data is serialized and the serialized data words are transmitted over a corresponding plurality of distinct serial data channels.